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AMENDMENTS TO THE CLAIMS

1. (Currently amended) Apparatus for creating a database containing the results of crystallization trials, said apparatus comprising:

[[an]] a visual light microscopy observation system for observing the results of crystallization trials;

a data input system for inputting the results of observing crystallization trials and related information; and

a database generator coupled to said data input system for receiving the results of observing crystallization trials and related information and creating a database for storing the results of observing crystallization trials and related information, wherein said data input system further comprises a speech recognition utility to convert a voice command into data characteristic of said crystallization trials.

2. (Original) The apparatus claimed in Claim 1 wherein said observation system includes an optical system for observing a plurality of trays each including the results of a crystallization trial and a positioning system for selectively positioning a tray of said plurality of trays in an observation position.

3. (Original) The apparatus claimed in Claim 2 wherein said positioning system is coupled to and controlled by said database generator.

4. (Original) The apparatus claimed in Claim 1 wherein said data input system includes a microphone for receiving verbal data.

5. (Original) The apparatus claimed in Claim 4 wherein said data input system includes a feedback speaker for producing said verbal data as it is spoken.

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